

| PBI | Incomplete Tasks | Tasks In Progress | Completed Tasks | | |
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| As an Election Official I want to see the winners within each party for CPL. So that it's clear who won the election and which party they belong to. Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete): The program only displays the winning candidates within the party? Definition of Done (what is required by the team before sending out for review): Documentation is done Refactoring is done Unit and system testing is done Effort: Small PBI Author(s): Crystal and Shun | | | Refactor DisplayResults class to show winners within each party in CPL (Lysong) | | |
| | | | Running System Tests (lysong) | | |
| As an Election Official I want to see the statistics of the Election in the Audit file So that those who have the audit file have a complete and overall summary Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete): The program displays the percentage of votes gained by each candidate/party Definition of Done (what is required by the team before sending out for review): Documentation is done Refactoring is done Unit and system testing is done Effort: Medium PBI Author(s): Crystal and Shun | | | Refactor Audit class (Add statistics) - Shun | | |
| | | | Running System Tests - Shun | | |
| As an Election Official I want to be able to not end the process when a directory name is inputted So that the program can run correctly Acceptance Criteria: Does the program only display the winning candidates within the party? Definition of Done: Documentation is done Refactoring is done Unit and system testing is done Effort: Small PBI Author(s): Fumi & Lysong | | | Refactor the Code to Continue Process After Inputting a Directory Name - Crystal | | |
| | | | Running Sytem Tests - Crystal | | |
| | | | Fix NumberFormatException - Shun | | |
| As an Election Official I want to handle NumberFormatException in the program So that we need to make sure if the program can read the file or not Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete): Does the output file contain any important information correctly? Definition of Done (what is required by the team before sending out for review): Documentation is done Refactoring is done Unit and system testing is done Effort: Small PBI Author(s): Fumi & Lysong | | | Running System Tests - Shun | | |
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| As an Election Official I want to be able to produce the same audit file if one already exist So that we don't have to create file with different name Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete): The program checks if it outputs one file and replaces an old file with a new one every time Definition of Done (what is required by the team before sending out for review): Documentation is done Refactoring is done Unit and system testing is done Effort: Small | | | Refactor Audit class (File name) - Fumi | | |
| | | | Running System Tests - Shun | | |
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| | | | Refactor Election class (Coin Toss) - Crystal | | |
| | | | Running Unit Tests - Crystal | | |
| As an Election Official I want to bring multiple CPL ballot files instead of a single file So that I can bring in different files from different balloting locations for CPL. Acceptance Criteria: Ballot has to be processed with all of the input files. The program can receive multiple files for a single CPL election Definition of Done: Documentation is done Refactoring is done Unit and system testing is done* Effort: Large PBI Author(s): Shun | | | Add conditional to check file extension is .csv - Crystal | | |
| | | | Writing Unit Tests - Crystal | | |
| | | | Running Unit Tests - Crystal | | |
| | | | Unit Test Logs - Crystal | | |
| | | | Writing System Tests - Shun | | |
| | | | Running System Tests - Shun | | |
| | | | System Test Logs - Shun | | |
| | | | Write Code for Multiple File Input - Crystal | | |
| | | | Write Code for Multiple File Processing - Crystal | | |
| | | | Documentation - Shun | | |
| | | | Debugging - Shun | | |
| | | | Add Ballot Class - Crystal | | |
| As an Election Official I want to bring multiple OPL ballot files instead of a single file So that I can bring in different files from different balloting locations for OPL. Acceptance Criteria: This program can handle multiple files for a single OPL election Definition of Done: Documentation is done Refactoring is done Unit and system testing is done | | | Writing Unit Tests - Crystal | | |
| | | | Running Unit Tests - Crystal | | |
| | | | Unit Test Logs - Crystal | | |
| | | | Writing System Tests - Shun | | |
| | | | Running System Tests - Shun | | |
| | | | System Test Logs - Shun | | |
| | | | Write Code for Multiple File Header Processing - Crystal | | |

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| <p>Effort: Large</p> <p>PBI Author(s): Crystal, Lysong, Shun, Fumi</p> | | | | | <p>Write Code for Multiple File Ballot Processing. -Crystal</p> <p>Documentation - Shun</p> <p>Debugging - Shun</p> | | | |
| <p>As an Election Official</p> <p>I want to send the MPO election ballot to be brought in a .csv file</p> <p>So that the election can be run in MPO-style.</p> <p>Acceptance Criteria:</p> <p>The program properly read that it is an MPO-type election</p> <p>The program properly read the number of seats</p> <p>The program properly read the number of candidates</p> <p>The program read that the candidates and their party are in []</p> <p>The program properly read the amount of votes for each candidate/party</p> <p>Definition of Done:</p> <p>Documentation is done</p> <p>Refactoring is done</p> <p>Unit and system testing is done</p> | | | | | <p>Writing Unit Tests - Crystal</p> <p>Running Unit Tests - Crystal</p> <p>Unit Test Logs - Crystal</p> <p>System Test Logs - Shun</p> <p>Running System Tests - Shun</p> <p>Write Code for File Header Processing (Lysong)</p> <p>Write Code for File Ballot Processing (Lysong)</p> <p>Documentation - Shun</p> <p>Debugging - Shun</p> | | | |
| <p>As an Election Official</p> <p>I want to be able to bring in multiple MPO files instead of a single file.</p> <p>So that they can bring in different files from different balloting locations.</p> <p>Acceptance Criteria:</p> <p>The program can input multiple files without error</p> <p>The program has to process all of the ballots.</p> <p>Definition of Done:</p> <p>Documentation is done</p> <p>Refactoring is done</p> <p>Unit and system testing is done</p> <p>Effort: Extra Large</p> <p>PBI Author(s): Crystal and Shun</p> | | | | | <p>Writing Unit Tests - Crystal</p> <p>Running Unit Tests - Crystal</p> <p>Unit Test Logs - Crystal</p> <p>System Test Logs - Shun</p> <p>Running System Tests - Shun</p> <p>Write Code for Multiple File Processing (Lysong)</p> <p>Documentation - Shun</p> | | | |
| | | | | | <p>Debugging - Crystal</p> | | | |
| <p>As an Election Official</p> <p>I want to be able to run an MPO election</p> <p>So that I can satisfy the secretary of state</p> <p>Acceptance Criteria:</p> <p>The program always determines the correct winner(s)</p> <p>The program is fair and unbiased when faced with ties</p> <p>Definition of Done:</p> <p>Documentation is done</p> <p>Refactoring is done</p> <p>Unit and system testing is done</p> <p>Effort: Extra Large</p> <p>PBI Author(s): Crystal, Lysong, Shun, Fumi</p> | | | | | <p>Write code for allocate seats - Crystal</p> <p>Writing Unit Tests - Crystal</p> <p>Running Unit Tests - Crystal</p> <p>Unit Test Logs - Crystal</p> <p>System Test Logs - Shun</p> <p>Running System Tests - Shun</p> <p>Write Code for vote counting - Crystal</p> <p>Write Code for finding winners - Crystal</p> <p>Documentation - Shun</p> | | | |
| | | | | | <p>Debugging - Crystal</p> | | | |
| <p>As an Election Official</p> <p>I want to send the MV election ballot to be brought in a .csv file</p> <p>So that I can run in MV style</p> <p>Acceptance Criteria</p> <p>The program properly read that it is an MV-type election</p> <p>The program properly read the number of seats</p> <p>The program properly read the number of candidates</p> <p>The program read that the candidates and their party are in []</p> <p>The program properly read the amount of votes for each candidate/party</p> <p>Definition of Done:</p> <p>Documentation is done</p> <p>Refactoring is done</p> <p>Unit and system testing is done</p> <p>Effort: Large</p> <p>PBI Author(s): Crystal, Lysong, Shun, Fumi</p> | | | | | <p>Writing Unit Tests - Crystal</p> <p>Running Unit Tests - Crystal</p> <p>Unit Test Logs - Crystal</p> <p>System Test Logs - MV files(general)</p> <p>Running System Tests - MV files(general)</p> <p>Write Code for File Header Processing - Lysong</p> <p>Write Code for File Ballot Processing -Lysong</p> <p>Documentation - Fumi</p> | | | |
| | | | | | <p>Debugging - Crystal</p> | | | |
| <p>As an Election Official</p> <p>I want to be able to bring in multiple MV files instead of a single file.</p> <p>So that they can bring in different files from different balloting locations.</p> <p>Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete):</p> <p>The program can input multiple files without error</p> <p>The program has to process all of the ballots</p> <p>Definition of Done (what is required by the team before sending out for review):</p> <p>Documentation is done</p> <p>Refactoring is done</p> <p>Unit and system testing is done</p> <p>Effort: Large</p> <p>PBI Author(s): Crystal</p> | | | | | <p>Writing Unit Tests -Crystal</p> <p>Running Unit Tests - Crystal</p> <p>Unit Test Logs - Crystal</p> <p>System Test Logs - MV files(Multiple) - Shun</p> <p>Running System Tests - MV files(Multiple) - Shun</p> <p>Write Code for Multiple File Processing -Lysong</p> <p>Documentation - MV files(Multiple) - Shun</p> | | | |
| | | | | | <p>Debugging - Crystal</p> | | | |
| <p>As an Election Official</p> <p>I want to be able to run a MV election</p> <p>So that I can satisfy the secretary of state</p> <p>Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete):</p> <p>The program always determines the correct winner(s)</p> <p>The program fair and unbiased when faced with ties</p> <p>Definition of Done (what is required by the team before sending out for review):</p> <p>Documentation is done</p> <p>Refactoring is done</p> <p>Unit and system testing is done</p> <p>Effort: Extra Large</p> <p>PBI Author(s): Crystal</p> | | | | | <p>Write Code for Vote Counting (Lysong)</p> <p>Write Code for allocateSeats (Lysong)</p> <p>Write Code for findWinners (Lysong)</p> <p>Write Unit Tests - Crystal</p> <p>Run Unit Tests - Crystal</p> <p>Unit Test Logs - Crystal</p> <p>System Tests - Shun</p> <p>Run System Tests - Shun</p> <p>System Test Logs - Shun</p> <p>Documentation - Shun</p> <p>Debugging - Crystal</p> | | | |
| <p>As an Election Official</p> <p>I want the MPO state, including the percentages of votes each candidate received to be displayed</p> | | | | | <p>Write Code to display results Crystal</p> | | | |

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| I want the MPO stats, including the percentage of votes each candidate received,to be displayed on the screen at the end of the election | | | | Write Unit Tests - Crystal | | |
| So that I know who won and who lost. | | | | Run Unit Tests - Crystal | | |
| And so that constituents know how well their candidates did in the election. | | | | Unit Test Logs - Crystal | | |
| Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete): | | | | System Tests - Shun | | |
| The program describes the result of the election. | | | | Run System Tests - Shun | | |
| The program displays the percentages of the election | | | | Sytem Test Logs lysong | | |
| Definition of Done (what is required by the team before sending out for review): | | | | Documentation - Fumi | | |
| Documentation is done | | | | | | |
| Refactoring is done | | | | | | |
| Unit and system testing is done | | | | | | |
| Effort: Medium | | | | | | |
| PBI Author(s): Crystal and Shun | | | | Debugging - Fumi | | |
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| | | | | Write Code to display results (Fumi) | | |
| As an Election Official | | | Write Unit Tests - Crystal | | | |
| I want the MV stats, including the percentage of votes each candidate received,to be displayed on the screen at the end of the election | | | Run Unit Tests - Crystal | | | |
| So that I that I know who won and who lost | | | Unit Test Logs - Crystal | | | |
| Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete): | | | | | | |
| The program describes the result of the election. | | | | System Tests - Shun | | |
| The program displays the percentages of the election | | | | Run System Tests - Shun | | |
| Definition of Done (what is required by the team before sending out for review): | | | | Sytem Test Logs - Shun | | |
| Documentation is done | | | | Documentation (Fumi) | | |
| Refactoring is done | | | | | | |
| Unit and system testing is done | | | | | | |
| Effort: Large | | | | | | |
| PBI Author(s): Crystal, Lysong, Shun, Fumi | | | | Debugging (Fumi) | | |